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Substituted for form 1449-DP INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/629,859
				Filing Date	July 30, 2003
				First Named Inventor	Gary F. GERARD
				Art Unit	1636-1633
				Examiner Name	Riggins, P.
				Attorney Docket Number	0942.5530002/RWE/JKM
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U.S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (If Known)			
151P ↓	US1	4,748,233	05/31/1988	Sloma	
	US2	4,889,818	12/26/1989	Gelfand <i>et al.</i>	
	US3	4,965,188	10/23/1990	Mullis <i>et al.</i>	
	US4	5,017,492	05/21/1991	Kotewicz <i>et al.</i>	
	US5	5,219,989	06/15/1993	Sonenberg <i>et al.</i>	
	US6	5,244,797	09/14/1993	Kotewicz <i>et al.</i>	
	US7	5,338,671	08/16/1994	Scalice <i>et al.</i>	
	US8	5,374,553	12/20/1994	Gelfand <i>et al.</i>	
	US9	5,405,776	04/11/1995	Kotewicz <i>et al.</i>	
	US10	5,587,287	12/24/1996	Scalice <i>et al.</i>	
	US11	5,595,895	01/21/1997	Miki <i>et al.</i>	
	US12	5,668,005	09/16/1997	Kotewicz <i>et al.</i>	
	US13	5,824,875	10/20/1998	Ranu	
	US14	5,985,619	11/16/1999	Sutherland <i>et al.</i>	
	US15	5,989,819	11/23/1999	Odawara	
	US16	6,013,488	01/11/2000	Hayashizaki	
	US17	6,063,608	05/16/2000	Kotewicz <i>et al.</i>	
	US18	6,096,877	08/01/2000	Vlasuk <i>et al.</i>	
	US19	6,103,473	08/15/2000	Copeland and Wang	
	US20	6,140,086	10/31/2000	Fox <i>et al.</i>	
	US21	6,143,528	11/07/2000	Hayashizaki	

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Examiner Signature	<i>[Signature]</i>	Date Considered	12/8/05
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). * See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. * Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). * For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. * Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. * Applicant is to place a check mark here if English language Translation is attached.

English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	3	of	3
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Complete if Known

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First Named Inventor	Gary F. GERARD
Art Unit	1636-1633
Examiner Name	Riggins, P.
Attorney Docket Number	0942.5530002/RWE/JKM

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Examiner
Signature

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Considered

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		Art Unit	1636 1653		
		Examiner Name	Riggins, P.		
Sheet	1	of	1	Attorney Docket Number	0942.5530002/RWE/JKM

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published	T ²
PR	NPL1	Co-pending U.S. Application No. 09/570,526, Astatke, M., <i>et al.</i> , filed May 12, 2000 (NOT PUBLISHED)	
	NPL2	Co-pending U.S. Application No. 09/677,574, Yang, S. and Chatterjee, D.K., filed October 3, 2000 (NOT PUBLISHED)	
	NPL3	Co-pending U.S. Application No. 09/725,897, Goldsborough, M.D. and Fox, D.K., filed November 30, 2000 (NOT PUBLISHED)	
	NPL4	Co-pending U.S. Application No. 10/970,280, Kotewicz, M.L., and Gerard, G.F., filed October 22, 2004 (NOT PUBLISHED)	
	NPL5	Co-pending U.S. Application No. 10/929,791, Kotewicz, M.L., and Gerard, G.F., filed August 31, 2004 (NOT PUBLISHED)	
	NPL6	Co-pending U.S. Application No. 11/212,807, Hughes, Jr., A.J., filed August 29, 2005 (NOT PUBLISHED)	
	NPL7	Myers, T.W. and Gelfand, D.H., "Reverse Transcription and DNA Amplification by a <i>Thermus thermophilus</i> DNA Polymerase," <i>Biochemistry</i> 30:7661-7666, American Chemical Society (1991)	
PR	NPL8	TaqStart™ Antibody and TthStart™ Antibody General PCR Product Information Sheet, Clonotech 1996-1997 Catalog, p. 41	

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Examiner Signature		Date Considered	12/8/05
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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